



Sky Thunder HD 8500WH Motor Replacement

This guide will show you how to replace a motor in the Sky Thunder HD 8500WH.

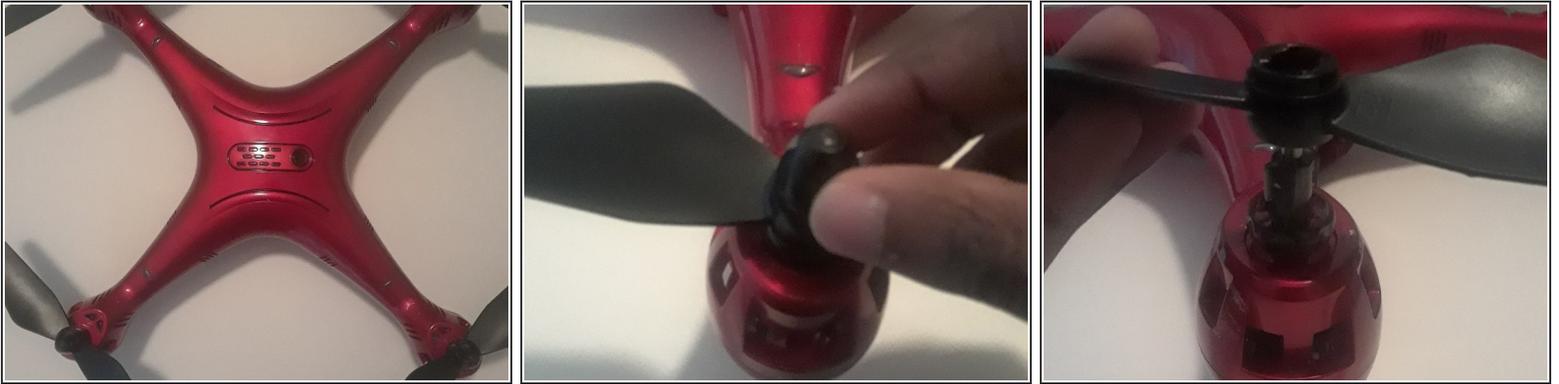
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TOOLS:

- [Phillips #0 Screwdriver](#) (1)
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Step 1 — Rotor Blade



- Place the drone with the top side facing up.
- Remove the blade cover.
- Remove the rotor blade.

Step 2 — Lockstitch



- Unscrew the 1cm screw holding in the blade lockstitch with the Phillips 0 Screwdriver.
- Remove the blade lockstitch.

Step 3 — Lower and Upper Body



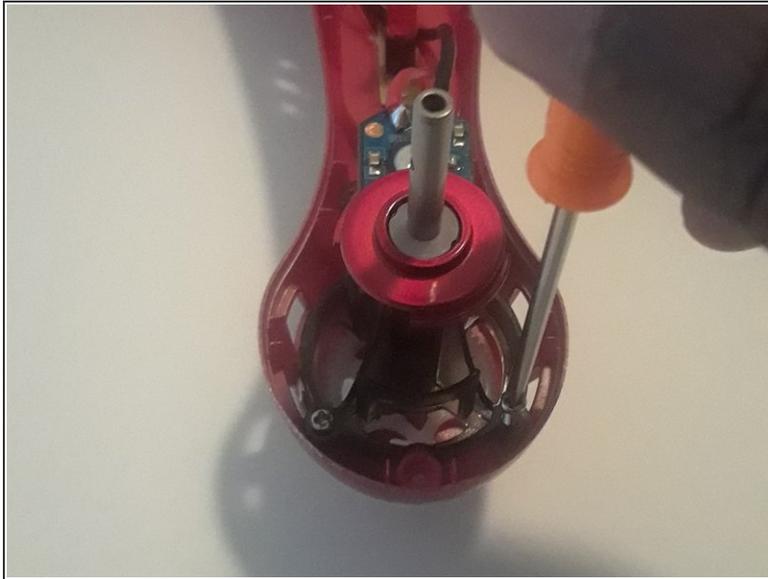
- Lay down the drone so the battery side is facing up.
- Unscrew all 5 .8cm screws on each arm of the drone with the Phillips 0 Screwdriver.
- Repeat previous bullet for each arm (20 screws in total).

Step 4



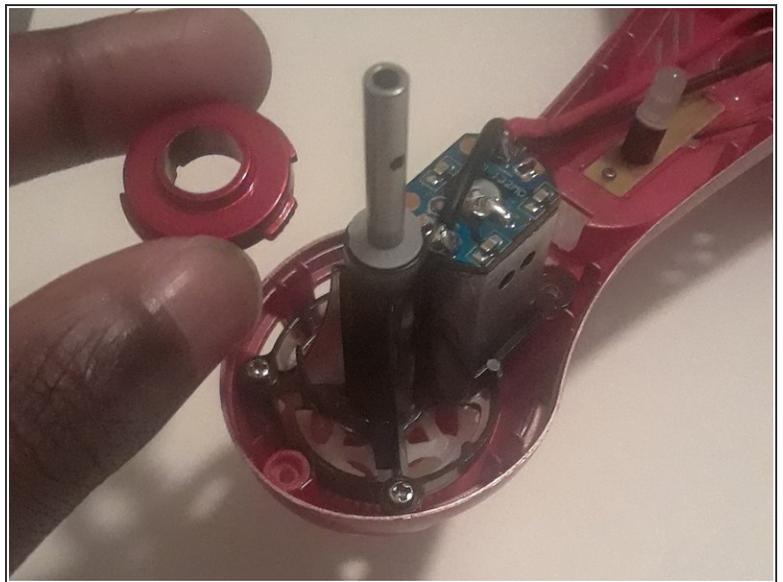
- Using a bit of force, gently pull apart the lower and upper bodies.
- Keep going until both parts are completely separated.

Step 5 — Gear



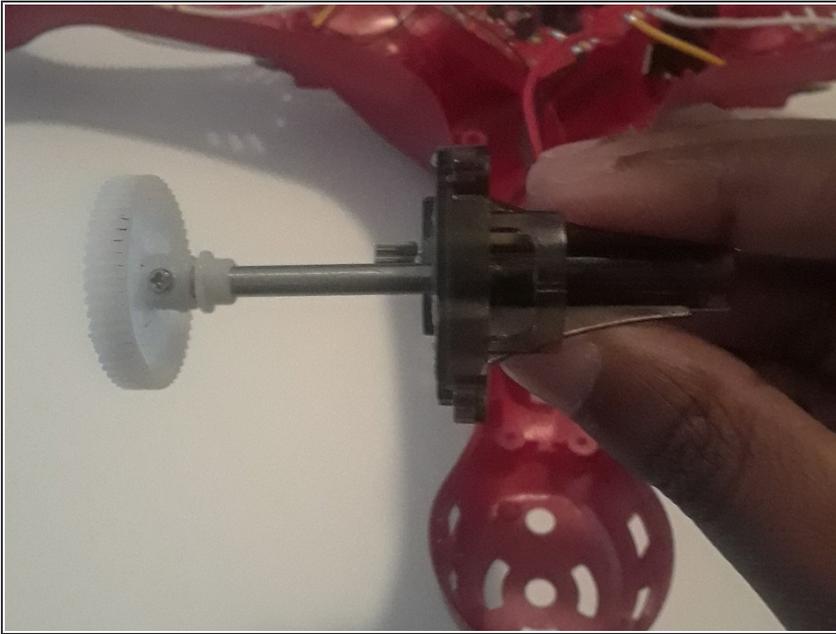
- Find the gear mechanism at the end of one of the drone arms.
- Unscrew the two front .8cm screws with the Phillips 0 Screwdriver.

Step 6



- Remove the white spacer.
- Remove the red spacer.

Step 7



- Pull the gear out from the bottom of the holding mechanism.

Step 8 — Motor



- Unscrew the two .8cm screws on the bottom of the holding mechanism with the Phillips 0 Screwdriver.
- Remove the motor from the holding mechanism.

To reassemble your device, follow these instructions in reverse order.